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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/816,094	04/01/2004	Daniel James Branagan	NANO003U

CONFIRMATION NO. 9485

32047  
GROSSMAN, TUCKER, PERREAULT & PFLEGER, PLLC  
55 SOUTH COMMERICAL STREET  
MANCHESTER, NH 03101

FORMALITIES LETTER



\*OC000000012998131\*

**R E C E I V E D**  
JUN 23 2004

Date Mailed: 06/21/2004

GROSSMAN, TUCKER,  
PERREAULT & PFLEGER, PLLC

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

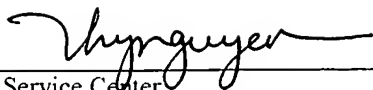
Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

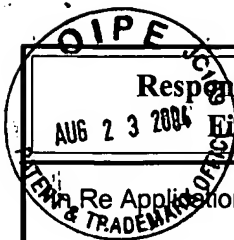
08/24/2004 WRBDELRI 00000108 10816094 65.00 OP  
01 FC:2051



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



**Response To Notice To File Missing Parts Of Application**  
**Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
**NANO003U**

Re Application Of: **BRANAGAN**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/816,094	April 1, 2004		32047	1775	9485

Invention: **CONTROLLED THERMAL EXPANSION OF WELDS TO ENHANCE TOUGHNESS**

Mail Stop Missing Parts

COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
June 21, 2004  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ \_\_\_\_\_ verified small entity declaration(s)
  - ☐ is/are attached.
  - ☐ was/were filed on \_\_\_\_\_
- ☐ A separate request for refund.
- ☒ Other (list):

**Formal Drawings (3 pgs, Figs. 1-4)**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
**NANO003U**

In Re Application Of **BRANAGAN**

**AUG 23 2004**

Application No.

10/816,094

Filing Date

April 1, 2004

Examiner

Customer No.

32047

Group Art Unit

1775

Confirmation No.

9485

Invention: **CONTROLLED THERMAL EXPANSION OF WELDS TO ENHANCE TOUGHNESS**

**TO THE COMMISSIONER FOR PATENTS:**

**Mail Stop Missing Parts**

☒ Completion of application fees as calculated below:

☐ Utility application filing fee

☐ Design application filing fee

☐ Total number of independent claims = \_\_\_\_\_

☐ Total number of claims = \_\_\_\_\_

☐ Multiple dependent claims

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$65.00**

☐ Petition and fee for filing by other than all the inventors or a person not the inventor

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees **\$65.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: \_\_\_\_\_ until: \_\_\_\_\_  
Date Date

Total time extension fees \_\_\_\_\_

Total fees due **\$65.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.  
**NANO003U**

In Re Application Of **BRANAGAN**

AUG 23 2004

Application No.

10/816,898

Filing Date

April 1, 2004

Examiner

Customer No.

32047

Group Art Unit

1775

Confirmation No.

9485

Invention: **CONTROLLED THERMAL EXPANSION OF WELDS TO ENHANCE TOUGHNESS**

**TO THE COMMISSIONER FOR PATENTS:**

**Mail Stop Missing Parts**

The fee of **\$65.00** is to be paid as follows:

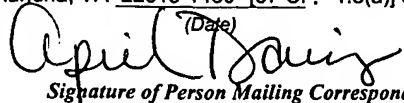
- ☐ A check in the amount of the fee is enclosed.
- ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **50-2121**
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **50-2121**
- ☒ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
Signature

Dated: **August 20, 2004**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CF. 1.8(a)] on **8/20/04**

  
Signature of Person Mailing Correspondence

**April Davis**

Typed or Printed Name of Person Mailing Correspondence

CC: